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## **CLAIMS**

We claim:

- 1. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) at least one erb family inhibitor and (ii) at least one Raf and/or ras inhibitor.
- 2. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) an erbB-2 inhibitor and (ii) a cRaf-1 inhibitor.
- 3. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) a compound of formula (I)

or a salt, solvate, physiologically functional derivative thereof;

wherein

Y is CR<sup>1</sup> and V is N; or Y is CR<sup>1</sup> and V is CR<sup>2</sup>;

R¹ represents a group CH<sub>3</sub>SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NHCH<sub>2</sub>-Ar-, wherein Ar is selected from phenyl, furan, thiophene, pyrrole and thiazole, each of which may optionally be substituted by one or two halo, C<sub>1-4</sub> alkyl or C<sub>1-4</sub> alkoxy groups;

R<sup>2</sup> is selected from the group comprising hydrogen, halo, hydroxy, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylamino and di[C<sub>1-4</sub> alkyl]amino;

U represents a phenyl, pyridyl,  $3\underline{H}$ -imidazolyl, indolyl, isoindolyl, indolinyl, isoindolinyl,  $1\underline{H}$ -indazolyl, 2,3-dihydro- $1\underline{H}$ -indazolyl,  $1\underline{H}$ -benzimidazolyl, 2,3-dihydro- $1\underline{H}$ -benzimidazolyl or  $1\underline{H}$ -benzotriazolyl group, substituted by an  $R^3$  group and optionally substituted by at least one independently selected  $R^4$  group;

R<sup>3</sup> is selected from a group comprising benzyl, halo-, dihalo- and trihalobenzyl, benzoyl, pyridylmethyl, pyridylmethoxy, phenoxy, benzyloxy, halo-, dihalo- and trihalobenzyloxy and benzenesulphonyl;

or R3 represents trihalomethylbenzyl or trihalomethylbenzyloxy;

or R3 represents a group of formula

wherein each  $R^5$  is independently selected from halogen,  $C_{1-4}$  alkyl and  $C_{1-4}$  alkoxy; and n is 0 to 3;

each R<sup>4</sup> is independently hydroxy, halogen, C<sub>1-4</sub> alkyl, C<sub>2-4</sub> alkenyl, C<sub>2-4</sub> alkynyl, C<sub>1-4</sub> alkoxy, amino, C<sub>1-4</sub> alkylamino, di[C<sub>1-4</sub> alkyl]amino, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylsulphinyl, C<sub>1-4</sub> alkylsulphonyl, C<sub>1-4</sub> alkylcarbonyl, carboxy, carbamoyl, C<sub>1-4</sub> alkoxycarbonyl, C<sub>1-4</sub> alkylcarbamoyl, N,N-di(C<sub>1-4</sub> alkyl)carbamoyl, cyano, nitro and trifluoromethyl; and

(ii) a cRaf-1 inhibitor.

4. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) a compound of formula (II):

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$$H_3C \stackrel{Q}{\stackrel{\sim}{\circ}} \stackrel{H}{\stackrel{\sim}{\circ}} \stackrel{Z}{\stackrel{\sim}{\circ}} \stackrel{N}{\stackrel{\sim}{\circ}} \stackrel{N}{\stackrel{\sim}{\circ}} \stackrel{N}{\stackrel{\sim}{\circ}} \stackrel{(II)}{\stackrel{\sim}{\circ}}$$

and salt or solvates thereof, wherein R is -Cl or -Br, X is CH , N, or CF, and Z is thiazole or furan; and

(ii) a cRaf-1 inhibitor.

5. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) a compound of formula (III):

and salts or solvates thereof; and

(ii) a cRaf-1 inhibitor.

- 6. A cancer treatment combination, comprising: therapeutically effective amounts of (i) at least one erb family inhibitor and (ii) at least one Raf and/or ras inhibitor.
- 7. A cancer treatment combination, comprising: therapeutically effective amounts of (i) an erbB-2 inhibitor and (ii) a cRaf-1 inhibitor.

8. A cancer treatment combination, comprising: therapeutically effective amounts of (i) a compound of formula (I)

or a salt, solvate, or physiologically functional derivative thereof;

wherein

Y is CR<sup>1</sup> and V is N; or Y is CR<sup>1</sup> and V is CR<sup>2</sup>;

R¹ represents a group CH<sub>2</sub>SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NHCH<sub>2</sub>-Ar-, wherein Ar is selected from phenyl, furan, thiophene, pyrrole and thiazole, each of which may optionally be substituted by one or two halo, C<sub>1-4</sub> alkyl or C<sub>1-4</sub> alkoxy groups;

R<sup>2</sup> is selected from the group comprising hydrogen, halo, hydroxy, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylamino and di[C<sub>1-4</sub> alkyl]amino;

U represents a phenyl, pyridyl,  $3\underline{H}$ -imidazolyl, indolyl, isoindolyl, indolinyl, isoindolinyl,  $1\underline{H}$ -indazolyl, 2,3-dihydro- $1\underline{H}$ -indazolyl,  $1\underline{H}$ -benzimidazolyl, 2,3-dihydro- $1\underline{H}$ -benzimidazolyl or  $1\underline{H}$ -benzotriazolyl group, substituted by an  $R^3$  group and optionally substituted by at least one independently selected  $R^4$  group;

R<sup>3</sup> is selected from a group comprising benzyl, halo-, dihalo- and trihalobenzyl, benzoyl, pyridylmethyl, pyridylmethoxy, phenoxy, benzyloxy, halo-, dihalo- and trihalobenzyloxy and benzenesulphonyl;

or R³ represents trihalomethylbenzyl or trihalomethylbenzyloxy;

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or R<sup>3</sup> represents a group of formula

wherein each R5 is independently selected from halogen, C1-4 alkyl and C1-4 alkoxy; and n is 0 to 3;

each R4 is independently hydroxy, halogen, C1-4 alkyl, C2-4 alkenyl, C2-4 alkynyl, C1-4 alkoxy, amino, C1-4 alkylamino, di[C1-4 alkyl]amino, C1-4 alkylthio, C1-4 alkylsulphinyl, C1-4 alkylsulphonyl, C1-4 alkylcarbonyl, carboxy, carbamoyl, C1-4 alkoxycarbonyl, C1-4 alkanoylamino, N-(C1-4 alkyl)carbamoyl, N,N-di(C1-4 alkyl)carbamoyl, cyano, nitro and trifluoromethyl; and

(ii) a cRaf-1 inhibitor.

A cancer treatment combination, comprising: therapeutically effective 9. amounts of (i) a compound of formula (II):

and salt or solvates thereof, wherein R is -Cl or -Br, X is CH, N, or CF, and Z is thiazole or furan; and

(ii) a cRaf-1 inhibitor.

A cancer treatment combination, comprising: therapeutically effective 10. amounts of (i) a compound of formula (III):

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and salts or solvates thereof; and

(ii) a cRaf-1 inhibitor.

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- 11. A cancer treatment combination, comprising: therapeutically effective amounts of (i) at least one erb family inhibitor and (ii) at least one Raf and/or ras inhibitor for use in therapy.
- 12. A cancer treatment combination, comprising: therapeutically effective amounts of (i) an erbB-2 inhibitor and (ii) a cRaf-1 inhibitor for use in therapy.
- 13. Use of a cancer treatment combination, comprising: therapeutically effective amounts of (i) at least one erb family inhibitor and (ii) at least one Raf and/or ras inhibitor in the preparation of a medicament for use in the treatment of a susceptible cancer.
- 14. A cancer treatment combination, comprising: theraper-tically effective amounts of (i) an EGFR/erbB-2 inhibitor and (ii) a cRaf-1 inhibitor useful in the preparation of a medicament for use in the treatment of a susceptible cancer.
- 15. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) an erbB-2 inhibitor and (ii) a bRaf inhibitor.

16. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) a compound of formula (I)

$$\bigvee_{\mathsf{HN}} \bigvee_{\mathsf{N}} \mathsf{H} \qquad (i)$$

or a salt, solvate, physiologically functional derivative thereof;

wherein

Y is CR<sup>1</sup> and V is N; or Y is CR<sup>1</sup> and V is CR<sup>2</sup>;

R¹ represents a group CH<sub>3</sub>SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NHCH<sub>2</sub>-Ar-, wherein Ar is selected from phenyl, furan, thiophene, pyrrole and thiazole, each of which may optionally be substituted by one or two halo, C<sub>1-4</sub> alkyl or C<sub>1-4</sub> alkoxy groups;

R<sup>2</sup> is selected from the group comprising hydrogen, halo, hydroxy, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkylamino and di[C<sub>1-4</sub> alkyl]amino;

U represents a phenyl, pyridyl,  $3\underline{H}$ -imidazolyl, indolyl, isoindolyl, indolinyl, isoindolinyl,  $1\underline{H}$ -indazolyl, 2,3-dihydro- $1\underline{H}$ -indazolyl,  $1\underline{H}$ -benzimidazolyl, 2,3-dihydro- $1\underline{H}$ -benzimidazolyl or  $1\underline{H}$ -benzotriazolyl group, substituted by an  $R^3$  group and optionally substituted by at least one independently selected  $R^4$  group;

R<sup>3</sup> is selected from a group comprising benzyl, halo-, dihalo- and trihalobenzyl, benzoyl, pyridylmethyl, pyridylmethoxy, phenoxy, benzyloxy, halo-, dihalo- and trihalobenzyloxy and benzenesulphonyl;

or R3 represents trihalomethylbenzyl or trihalomethylbenzyloxy;

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or R3 represents a group of formula

wherein each  $R^5$  is independently selected from halogen,  $C_{1-4}$  alkyl and  $C_{1-4}$  alkoxy; and n is 0 to 3;

each  $R^4$  is independently hydroxy, halogen,  $C_{1-4}$  alkyl,  $C_{2-4}$  alkenyl,  $C_{2-4}$  alkynyl,  $C_{1-4}$  alkoxy, amino,  $C_{1-4}$  alkylamino, di $[C_{1-4}$  alkyl]amino,  $C_{1-4}$  alkylthio,  $C_{1-4}$  alkylsulphinyl,  $C_{1-4}$  alkylsulphonyl,  $C_{1-4}$  alkylcarbonyl, carboxy, carbamoyl,  $C_{1-4}$  alkoxycarbonyl,  $C_{1-4}$  alkyl)carbamoyl,  $C_{1-4}$  alkyl)carbamoyl, cyano, nitro and trifluoromethyl; and

(ii) a bRaf inhibitor.

17. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) a compound of formula (II):

and salt or solvates thereof, wherein R is -Cl or -Br, X is CH, N, or CF, and Z is thiazole or furan; and

(ii) a bRaf inhibitor.

18. A method of treating a susceptible cancer in a mammal, comprising: administering to said mammal therapeutically effective amounts of (i) a compound of formula (III):

and salts or solvates thereof; and

- (ii) a bRaf inhibitor.
- 19. A cancer treatment combination, comprising: therapeutically effective amounts of (i) an erbB-2 inhibitor and (ii) a bRaf inhibitor.
- 20. A cancer treatment combination, comprising: therapeutically effective amounts of (i) a compound of formula (I)

or a salt, solvate, or physiologically functional derivative thereof;

wherein

Y is CR<sup>1</sup> and V is N;

or Y is CR1 and V is CR2;

R¹ represents a group CH<sub>3</sub>SO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>NHCH<sub>2</sub>-Ar-, wherein Ar is selected from phenyl, furan, thiophene, pyrrole and thiazole, each of which may optionally be substituted by one or two halo, C<sub>1-4</sub> alkyl or C<sub>1-4</sub> alkoxy groups;

 $R^2$  is selected from the group comprising hydrogen, halo, hydroxy,  $C_{1-4}$  alkyl,  $C_{1-4}$  alkoxy,  $C_{1-4}$  alkylamino and di[ $C_{1-4}$  alkyl]amino;

U represents a phenyl, pyridyl,  $3\underline{H}$ -imidazolyl, indolyl, isoindolyl, indolinyl, isoindolinyl,  $1\underline{H}$ -indazolyl, 2,3-dihydro- $1\underline{H}$ -indazolyl,  $1\underline{H}$ -benzimidazolyl, 2,3-dihydro- $1\underline{H}$ -benzimidazolyl or  $1\underline{H}$ -benzotriazolyl group, substituted by an  $R^3$  group and optionally substituted by at least one independently selected  $R^4$  group;

R<sup>3</sup> is selected from a group comprising benzyl, halo-, dihalo- and trihalobenzyl, benzoyl, pyridylmethyl, pyridylmethoxy, phenoxy, benzyloxy, halo-, dihalo- and trihalobenzyloxy and benzenesulphonyl;

or R<sup>3</sup> represents trihalomethylbenzyl or trihalomethylbenzyloxy;

or R3 represents a group of formula

$$-N = (R^5)_n$$

wherein each  $R^5$  is independently selected from halogen,  $C_{1-4}$  alkyl and  $C_{1-4}$  alkoxy; and n is 0 to 3;

each R<sup>4</sup> is independently hydroxy, halogen, C<sub>1-4</sub> alkyl, C<sub>2-4</sub> alkenyl, C<sub>2-4</sub> alkynyl, C<sub>1-4</sub> alkynyl, C<sub>1-4</sub> alkoxy, amino, C<sub>1-4</sub> alkylamino, di[C<sub>1-4</sub> alkyl]amino, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylsulphinyl, C<sub>1-4</sub> alkylsulphonyl, C<sub>1-4</sub> alkylcarbonyl, carboxy, carbamoyl, C<sub>1-4</sub> alkoxycarbonyl, C<sub>1-4</sub> alkyl)carbamoyl, N,N-di(C<sub>1-4</sub> alkyl)carbamoyl, cyano, nitro and trifluoromethyl; and

(ii) a bRaf inhibitor.

21. A cancer treatment combination, comprising: therapeutically effective amounts of (i) a compound of formula (II):

and salt or solvates thereof, wherein R is -Cl or -Br, X is CH, N, or CF, and Z is thiazole or furan; and

(ii) a bRaf-1 inhibitor.

22. A cancer treatment combination, comprising: therapeutically effective amounts of (i) a compound of formula (III):

and salts or solvates thereof; and

(ii) a bRaf inhibitor.

23. A cancer treatment combination, comprising: therapeutically effective amounts of (i) an erbB-2 inhibitor and (ii) a bRaf inhibitor for use in therapy.

24. Use of a cancer treatment combination, comprising: therapeutically effective amounts of (i) an EGFR/erbB-2 inhibitor and (ii) a bRaf inhibitor in the preparation of a medicament for use in the treatment of a susceptible cancer.